

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 1-8, 16-18 and 20-22:

1-8. (Cancelled)

9. (Original): A dehumidifying and air-conditioning apparatus comprising:

a dehumidifier rotor by which adsorbed humidity is desorbed by a heated air; and
a heat exchange element providing heat exchange between two flow passages, the heated air dried by said dehumidifier rotor being supplied to a room through one passage of said heat exchange element, air from inside of the room being passed in another passage of said heat exchange element, and water being supplied in the another passage of said heat exchange element.

10. (Original): A dehumidifying and air-conditioning apparatus according to claim 9, in which said heat exchange element is a stationary sensible heat exchange element.

11. (Original): A dehumidifying and air-conditioning apparatus according to claim 9, in which the hot air from a source of exhaust heat is applied to a part of said dehumidifier rotor.

12. (Original): A dehumidifying and air-conditioning apparatus according to claim 9, in which the air coming from one passage of the heat exchange element is humidified.

13. (Original): A dehumidifying and air-conditioning apparatus according to claim 12, in which the air coming out from the another passage of said heat exchange element is humidified by a water-spraying nozzle which forces micro-particles of water to flow with the air in the another passage of said heat exchange element.

14. (Original): A dehumidifying and air-conditioning apparatus comprising:
a dehumidifier rotor by which adsorbed humidity is desorbed by a heated air; and
a heat exchange element providing heat exchange between two flow passages, the heated air dried by said dehumidifier rotor being supplied to a room through one passage of said heat exchange element, air from inside of the room being passed in another passage of said heat exchange element, and water being supplied in the another passage of said heat exchange element, drops of said water being added in outer air and said outer air being passed in a part of the other passage of said heat exchange element.

15. (Original): A dehumidifying and air-conditioning apparatus according to claim 14 in which the dehumidifier rotor is used as the sound absorbing honeycomb material.

16-18. (Cancelled).

19. (Original): A dehumidifying and air-conditioning apparatus according to claim 13, wherein the passages of the heat exchange element are isolated such that the dry air in the one passage is prevented from adsorbing moisture from the humidified air in the another passage.

20-22. (cancelled)

23. (Original): A dehumidifying and air-conditioning apparatus comprising:
a dehumidifier rotor in which moisture from humidified air is captured by hot air; and
a heat exchange element providing heat exchange between at least two flow passages, the air dried by said dehumidifier rotor being supplied to a room through one passage of said heat exchange element, water is passed in another passage of said heat exchange element, wherein the passages of the heat exchange element are isolated such that the dry air in the one passage is prevented from adsorbing moisture from the humidified air in the another passage.

24. (Original): A dehumidifying and air-conditioning apparatus comprising:
a dehumidifier rotor in which moisture from humidified air is captured by hot air;
a heat exchange element providing heat exchange between at least two flow passages, the air dried by said dehumidifier rotor being supplied to a room through one passage of said

Serial No. 10/686,711

heat exchange element, air from inside of the room, which is humidified, is passed in another passage of said heat exchange element; and

a hot air outlet passes hot air to the dehumidifier rotor, the outlet producing high frequency noise.